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BIENNIAL REPORT ON HIGHER EDUCATION IN NEW JERSEY

1988-89/1989-90

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TO: **GOVERNOR JIM FLORIO**

MEMBERS OF THE NEW JERSEY LEGISLATURE

In accordance with N.J.S.A. 18A:3-21(g), we are pleased to submit this report on the 1988-89/1989-90 biennium in New Jersey higher education.

Our colleges and universities are enrolling record numbers of students -- more than 314,000 at the end of the reporting period. (Preliminary data for the current academic year show us at an all-time high, surpassing our previous peak enrollment of more than 322,000, reached in 1982-83.) Also, our state's collegiate student body -- comprised of growing proportions of women, minorities, and part-time students -- evidences the expanded opportunities our system offers. Of those seeking degrees (not all students go to college for this purpose), nearly 85,000 graduated over the biennium, demonstrating the productivity of our colleges and universities.

Beyond enrollments and degrees conferred, the report also outlines the scope of our programs of student assistance, and it presents data on various policies and programs which, working in concert, help keep higher education in New Jersey both accessible and affordable. Further, the data on freshman academic profiles provide heartening evidence of the improving academic quality of our public senior colleges and universities. Finally, the report highlights results of testing conducted under our statewide programs for assessing entering students' basic skills and sophomores' college learning outcomes.

We believe this report documents a vital, productive system of higher education, one that has used its past resources well and is positioned to apply its current resources effectively to the challenges of the 1990s.

Dr. Edward D. Goldberg, Chancellor
Department of Higher Education

Mr. Albert W. Merck, Chair
Board of Higher Education

ENROLLMENTS

The tables in this section report basic enrollment data: numbers of full- and part-time students, at both the undergraduate and postbaccalaureate (master's, doctoral, and first professional) levels, and numbers of women and minorities. These data depict the overall size of the New Jersey higher education system, as well as the diversity of both its students and its institutions.

- More than 314,000 students were enrolled in New Jersey colleges and universities in fall 1989, a 4% rise from the previous year, and 2% higher than in the late 1970s. Although still below the fall 1982 system high of 322,000, enrollments have been climbing steadily since 1987, when they had dipped to 296,000. (Preliminary 1990 data indicate a system total at or near the 1982 level.) County community colleges, whose 118,000 students constitute the largest sector in New Jersey higher education, accounted for more than two-thirds of the 11,000-student systemwide increase over fall 1988. *(Tables 1/2)*

- Enrollment growth among women continued; they were more than 55% of the fall 1989 total and accounted for 60% of the one-year increase. Black, Hispanic, and Asian students also grew both numerically and proportionally, the combined three groups gaining more than 5,200 students and rising from 18% to 19% of the total student body. Other students (whites, American Indians, and foreign students combined), however, whose numbers increased by about 5,900, represented more than half of the rise. *(Table 3)*

- Efforts to increase the enrollment of minorities, especially blacks and Hispanics (historically underrepresented in higher education), have focused on full-time undergraduate students. Both racial/ethnic groups have posted gains, both numerical and proportional. In fall 1989, blacks were 12.3% of freshmen and 10.6% of all full-time undergraduates; Hispanics, 9.4% and 7.5%, respectively. These systemwide proportions all reflect steady gains since 1986. *(Tables 4/5)* (A precipitous decline in black and Hispanic enrollments spurred a set of Board of Higher Education policy initiatives in 1986 to redress the problem, and colleges and universities throughout the state instituted or expanded special programs both to recruit and to retain more minority students.)

Table 1

TOTAL* HEADCOUNT ENROLLMENT IN NEW JERSEY COLLEGES AND UNIVERSITIES
BY COLLEGIATE SECTOR

	Fall 1978	Fall 1988	Fall 1987	Fall 1988	Fall 1989	% Changes 1-Year	% Changes 11-Year
Rutgers	49,987	48,539	47,719	47,812	47,826	.03	-4.3
N.J.I.T.	5,669	7,591	7,711	7,665	7,801	1.8	37.6
U.M.D.N.J.	1,440	2,305	2,371	2,901	2,963	2.1	105.8
State Colleges	85,925	72,953	73,855	74,911	76,393	2.0	-11.1
County Community Colleges	98,721	107,250	105,905	110,672	118,442	7.0	20.0
Independents	65,469	59,116	58,604	59,141	60,763	2.7	-7.2
GRAND TOTAL*	307,211	297,754	296,165	303,102	314,188	3.7	2.3
Public Total*	241,742	238,638	237,561	243,961	253,425	3.9	4.8
Undergraduate Total	259,381	253,354	250,565	256,199	267,321	4.3	3.1

* Includes both full- and part-time students, at both undergraduate and postbaccalaureate levels.

Table 2

FALL 1989 ENROLLMENT IN NEW JERSEY COLLEGES AND UNIVERSITIES
BY LEVEL AND ATTENDANCE STATUS

	Undergraduate			Graduate			Total Enrollment		
	FT	PT	Total	FT	PT	Total	FT	PT	Total
Rutgers – Camden	2,717	1,406	4,123	672	544	1,216	3,389	1,950	5,339
Rutgers – Newark	3,837	1,962	5,799	1,245	2,435	3,680	5,082	4,397	9,479
Rutgers – New Brunswick	21,504	3,759	25,263	2,630	5,115	7,745	24,134	8,874	33,008
TOTAL, RUTGERS	28,058	7,127	35,185	4,547	8,094	12,641	32,605	15,221	47,826
N.J.I.T.	3,016	1,831	4,847	1,337	1,617	2,954	4,353	3,448	7,801
U.M.D.N.J.	234	72	306	2,281	376	2,657	2,515	448	2,963
Edison	—	7,202	7,202	—	—	—	—	7,202	7,202
Glassboro	5,236	2,708	7,944	56	1,364	1,420	5,292	4,072	9,364
Jersey City	2,985	2,666	5,651	29	1,945	1,974	3,014	4,611	7,625
Kean	6,018	4,913	10,931	203	1,733	1,936	6,221	6,646	12,867
Montclair	6,749	3,423	10,172	386	2,532	2,918	7,135	5,955	13,090
Ramapo	2,412	1,879	4,291	—	—	—	2,412	1,879	4,291
Stockton	4,141	1,145	5,286	—	—	—	4,141	1,145	5,286
Trenton	4,904	1,430	6,334	51	1,001	1,052	4,955	2,431	7,386
Wm. Paterson	5,428	2,219	7,647	141	1,494	1,635	5,569	3,713	9,282
TOTAL, STATE COLLEGES	37,873	27,585	65,458	866	10,069	10,935	38,739	37,654	76,393
ALL PUBLIC FOUR-YEAR	69,181	36,615	105,796	9,031	20,156	29,187	78,212	56,771	134,983

Table 2
(cont'd)

FALL 1989 ENROLLMENT IN NEW JERSEY COLLEGES AND UNIVERSITIES
(continued)

	Undergraduate			Graduate			Total Enrollment		
	FT	PT	Total	FT	PT	Total	FT	PT	Total
Atlantic	1,502	3,346	4,848	—	—	—	1,502	3,346	4,848
Bergen	4,085	7,830	11,915	—	—	—	4,085	7,830	11,915
Brookdale	3,370	7,916	11,286	—	—	—	3,370	7,916	11,286
Burlington	1,969	4,873	6,842	—	—	—	1,969	4,873	6,842
Camden	3,686	6,723	10,409	—	—	—	3,686	6,723	10,409
Cumberland	1,009	1,406	2,415	—	—	—	1,009	1,406	2,415
Essex	2,995	3,237	6,232	—	—	—	2,995	3,237	6,232
Gloucester	1,630	2,485	4,115	—	—	—	1,630	2,485	4,115
Hudson	1,582	1,080	2,662	—	—	—	1,582	1,080	2,662
Mercer	2,621	6,193	8,814	—	—	—	2,621	6,193	8,814
Middlesex	4,219	7,105	11,324	—	—	—	4,219	7,105	11,324
Morris	3,571	5,440	9,011	—	—	—	3,571	5,440	9,011
Ocean	2,707	4,067	6,774	—	—	—	2,707	4,067	6,774
Passaic	775	2,356	3,131	—	—	—	775	2,356	3,131
Raritan Valley	1,502	3,532	5,034	—	—	—	1,502	3,532	5,034
Salem	439	810	1,249	—	—	—	439	810	1,249
Sussex	667	1,603	2,270	—	—	—	667	1,603	2,270
Union	3,758	5,014	8,772	—	—	—	3,758	5,014	8,772
Warren	311	1,028	1,339	—	—	—	311	1,028	1,339
TOTAL, COUNTY COMMUNITY COLLEGES	42,398	76,044	118,442	—	—	—	42,398	76,044	118,442

Table 2
(cont'd)

FALL 1989 ENROLLMENT IN NEW JERSEY COLLEGES AND UNIVERSITIES
(continued)

	Undergraduate			Graduate			Total Enrollment		
	FT	PT	Total	FT	PT	Total	FT	PT	Total
Assumption	7	15	22	—	—	—	7	15	22
Berkeley Business	962	501	1,463	—	—	—	962	501	1,463
Beth Medrash Govoha	282	—	282	876	57	933	1,158	57	1,215
Bloomfield	867	739	1,606	—	—	—	867	739	1,606
Caldwell	509	560	1,069	—	—	—	509	560	1,069
Centenary	427	383	810	—	—	—	427	383	810
Drew	1,398	82	1,480	169	654	823	1,567	736	2,303
Fairleigh Dickinson	4,911	3,298	8,209	718	3,157	3,875	5,629	6,455	12,084
Felician	280	410	690	—	—	—	280	410	690
Georgian Court	904	680	1,584	7	560	567	911	1,240	2,151
Katharine Gibbs School	350	8	358	—	—	—	350	8	358
Monmouth	1,934	1,144	3,078	155	1,040	1,195	2,089	2,184	4,273
New Brunswick Seminary	—	—	—	69	82	151	69	82	151
Northeastern Bible	105	80	185	—	—	—	105	80	185
Princeton Theo. Seminary	—	—	—	554	230	784	554	230	784
Princeton	4,524	112	4,636	1,830	—	1,830	6,354	112	6,466
Rabbinical	234	—	234	—	—	—	234	—	234
Rider	3,059	1,320	4,379	13	1,117	1,130	3,072	2,437	5,509
St. Elizabeth's	471	602	1,073	—	—	—	471	602	1,073
St. Peter's	1,980	1,172	3,152	23	205	228	2,003	1,377	3,380
Seton Hall	4,427	1,410	5,837	1,222	2,664	3,886	5,649	4,074	9,723
Stevens Institute	1,260	7	1,267	892	1,247	2,139	2,152	1,254	3,406
Talmudical Academy	22	—	22	—	—	—	22	—	22
Upsala	671	726	1,397	10	40	50	681	766	1,447
Westminster Choir	217	33	250	65	24	89	282	57	339
TOTAL, INDEPENDENTS	29,801	13,282	43,083	6,603	11,077	17,680	36,404	24,359	60,763
ALL N.J. COLLEGES AND UNIVERSITIES	141,380	125,941	267,321	15,634	31,233	46,867	157,014	157,174	314,188

Table 3

TOTAL* HEADCOUNT ENROLLMENT IN NEW JERSEY COLLEGES AND UNIVERSITIES
BY SEX AND BY ETHNICITY**

	Fall 1978		Fall 1986		Fall 1987		Fall 1988		Fall 1989	
	#	%	#	%	#	%	#	%	#	%
Men	148,837	48.4	136,609	45.9	134,672	45.5	136,340	45.0	140,827	44.8
Women	158,374	51.6	161,145	54.1	161,493	54.5	166,762	55.0	173,361	55.2
Blacks	30,759	10.0	26,182	8.8	26,344	8.9	27,365	9.0	29,183	9.3
Hispanics	11,342	3.7	16,630	5.6	16,172	5.5	17,139	5.7	18,623	5.9
Asians/Pac. Islanders	3,293	1.1	9,281	3.1	9,867	3.3	10,739	3.5	12,698	4.0
Whites/Others***	261,817	85.2	226,707	76.1	227,690	76.9	229,984	75.9	235,897	75.1
"Unknown"	—	—	18,954	6.4	16,092	5.4	17,875	5.9	17,787	5.7
TOTAL	307,211	100.0	297,754	100.0	296,165	100.0	303,102	100.0	314,188	100.0

* Includes all students (full- and part-time, undergraduate and postbaccalaureate).

** Data by race/ethnicity from fall 1986 on are not comparable with previous years', because of changed federal reporting requirements and the phased implementation of a unit record enrollment system in New Jersey.

*** The category "Others" includes American Indians/Alaskan natives and nonresident aliens.

Table 4

FULL-TIME FIRST-TIME FRESHMAN ENROLLMENT BY RACE/ETHNICITY*
BY COLLEGIATE SECTOR

	% Black				% Hispanic				TOTAL** (100%)			
	1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
Rutgers	11.1	11.6	12.7	10.8	7.2	8.4	8.2	8.6	6,194	5,437	5,436	5,491
N.J.I.T.	12.8	14.7	11.4	11.7	16.1	15.1	13.5	13.0	461	456	511	609
U.M.D.N.J. (SHRP)	69.2	72.2	61.1	61.3	—	5.6	5.6	6.5	13	18	18	31
State Colleges	12.8	12.3	13.2	13.4	7.6	8.2	9.6	10.2	6,973	7,386	7,287	7,096
County Community Colleges	10.3	10.7	11.5	12.6	10.7	9.1	9.4	9.9	13,387	14,053	14,354	15,832
Independents	8.2	9.0	9.5	11.8	5.3	5.8	6.8	8.1	6,822	7,023	7,371	7,635
TOTAL PERCENTAGE	10.6	10.9	11.7	12.3	8.4	8.2	8.8	9.4	100.0	100.0	100.0	100.0
TOTAL NUMBER	3,583	3,760	4,077	4,529	2,839	2,807	3,066	3,467	33,850	34,373	34,977	36,694

* Since fall 1986 the colleges' enrollment reports have included students whose race/ethnicity was unknown (see Table 3). These cases of missing racial/ethnic data have accounted for about 5% of all full-time first-time freshmen systemwide. Percentages "unknown" have varied from year to year and by sector, ranging from less than 1% (in fall 1988 at NJIT) to 17% (1986, the independent sector; with only 6% "unknown" in fall 1989, that sector's reporting has improved significantly).

** The total includes whites, Asian/Pacific Islanders, American Indians/Alaskan natives, and nonresident aliens, as well as blacks, Hispanics, and students whose race/ethnicity was not reported.

Table 5

FULL-TIME UNDERGRADUATE ENROLLMENT BY RACE/ETHNICITY*
BY COLLEGIATE SECTOR

	% Black				% Hispanic				TOTAL** (100%)			
	1986	1987	1988	1989	1986	1987	1988	1989	1986	1987	1988	1989
Rutgers	9.7	9.9	10.0	10.3	6.0	6.3	6.5	6.8	28,543	28,044	28,052	28,058
N.J.I.T.	9.0	10.2	9.7	10.6	11.2	11.8	12.1	12.4	3,192	3,064	2,922	3,016
U.M.D.N.J. (SHRP)	15.1	17.7	20.9	24.4	6.7	6.5	6.7	7.3	179	231	239	234
State Colleges	9.3	9.8	10.2	10.3	6.3	6.4	6.9	7.2	36,152	36,422	36,526	37,873
County Community Colleges	12.3	11.3	11.5	11.7	10.3	9.2	8.6	8.7	37,347	37,400	39,244	42,398
Independents	8.1	8.7	9.0	9.8	4.8	5.3	5.7	6.2	29,098	28,656	29,032	29,801
TOTAL PERCENTAGE	10.0	10.0	10.3	10.6	7.1	7.1	7.2	7.5	100.0	100.0	100.0	100.0
TOTAL NUMBER	13,409	13,415	14,007	15,048	9,597	9,438	9,737	10,586	134,511	133,017	136,015	141,380

* (See Tables 3 and 4.) Cases of missing racial/ethnic data have accounted for between 3% and 5% of all full-time undergraduates systemwide. Percentages "unknown" have varied from year to year and by sector, ranging from less than 1% (in fall 1988 at NJIT) to 11% (fall 1986, the independent sector; with less than 4% "unknown" in fall 1989, that sector's reporting has improved significantly).

** The total includes whites, Asians/Pacific Islanders, American Indians/Alaskan natives, and nonresident aliens, as well as blacks, Hispanics, and students whose race/ethnicity was not reported.

DEGREES CONFERRED

This section's tables report basic data on degrees conferred: numbers of graduates at all degree levels (certificate, associate, bachelor's, master's, doctoral, and first professional) and numbers of women and minority graduates. These data depict one important output of higher education: students completing full academic programs of collegiate study.

- More than 43,000 students graduated from New Jersey colleges and universities in 1988-89, bringing to more than 900,000 the total number of graduates since the system of higher education was established. (The 1967-68 academic year was the first full year of operation under the Board of Higher Education, created by statute in December 1966). The 1989 degrees, up more than 1,400 over the previous year, reverse a decline that began after the system's peak enrollment in 1982-83, when more than 46,000 students earned degrees. *(Tables 6/7)*

- Bachelor's degrees went to more than half of all the 1989 graduates; other undergraduate-level awards, to another 25%. Although graduate degrees (master's and higher) were only 22% of the 1989 total, they accounted for nearly one-third of the increase over 1988; a 10% increase in master's degrees offset declines in doctorates and in first professional degrees (in law, medicine, dentistry, and theology). *(Tables 6/7)*

- Most sectors posted either level or increased numbers of graduates. State colleges accounted for about one-third of the 1,400-graduate increase between 1988 and 1989, while independent colleges and universities experienced a more modest gain; county community colleges had virtually the same number of graduates both years. The public universities (despite a slight decline at UMDNJ) contributed more than half of the one-year increase; that sector's proportion of all degrees conferred statewide has been rising steadily since 1984 (from 23% that year to 27% in 1989). *(Tables 6/7)*

- For women, growth in degrees conferred paralleled enrollment growth. Their proportion of 1989 graduates also reached about 55%, and they represented nearly 80% of the one-year increase over 1988. *(Table 8)* Overall, black and Hispanic minority students did not exhibit significant gains, and their proportions of the total graduating class statewide remain below their proportions of total enrollments.

Table 6

TOTAL DEGREES CONFERRED AT NEW JERSEY COLLEGES AND UNIVERSITIES
BY COLLEGIATE SECTOR AND BY TYPE OF DEGREE

	F. Y. 1977–78	F.Y. 1985–86	F.Y. 1986–87	F.Y. 1987–88	F.Y. 1988–89	% Changes 1-Year	% Changes 11-Year
Rutgers	8,719	8,819	9,106	8,936	9,534	6.7	9.3
N.J.I.T.	897	1,203	1,282	1,389	1,558	12.2	73.7
U.M.D.N.J.	332	590	539	700	677	-3.3	103.9
State Colleges	13,867	10,450	10,273	10,359	9,806	5.6	-25.3
County Community Colleges	10,243	9,722	9,238	8,970	8,977	0.0	-12.4
Independents	12,969	12,218	12,104	11,966	12,089	1.1	-6.8
TOTAL	47,027	43,002	42,542	41,767	43,194	3.4	-8.0
Sub-Associate	1,059	868	773	910	1,414	55.4	33.7
Associate	10,675	9,911	9,512	9,373	9,309	-.7	-12.8
Bachelor's	25,086	23,454	23,341	22,363	22,922	2.5	-8.6
Master's	8,130	6,320	6,493	6,521	7,141	9.5	-12.2
Doctorate	713	677	670	824	743	-9.8	4.2
First Professional*	1,364	1,772	1,753	1,776	1,665	-6.3	22.1
TOTAL	47,027	43,002	42,542	41,767	43,194	3.4	-8.2

* These are degrees in law, medicine, dentistry, and the theological professions.

Table 7

1988-89 DEGREES CONFERRED AT NEW JERSEY COLLEGES AND UNIVERSITIES
BY TYPE OF DEGREE

	Certificate	Associate	Bachelor's	Master's	Doctorate	1st Prof'L	Total
Rutgers - Camden	—	—	614	66	—	209	889
Rutgers - Newark	—	—	985	548	16	227	1,776
Rutgers - New Brunswick	—	—	5,234	1,308	327	—	6,869
TOTAL, RUTGERS	—	—	6,833	1,922	343	436	9,534
N.J.I.T.	13	—	706	825	14	—	1,558
U.M.D.N.J.	135	—	24	99	—	419	677
Thomas Edison	—	86	457	—	—	—	543
Glassboro	121	—	1,283	160	—	—	1,564
Jersey City	—	—	644	285	—	—	929
Kean	—	—	1,337	295	—	—	1,632
Montclair	—	—	1,492	330	—	—	1,822
Ramapo	—	—	485	—	—	—	485
Stockton	—	—	795	—	—	—	795
Trenton	—	—	1,174	231	—	—	1,405
William Paterson	—	—	1,017	167	—	—	1,184
TOTAL, STATE COLLEGES	121	86	8,684	1,468	—	—	10,359
ALL PUBLIC FOUR-YEAR	269	86	16,247	4,314	357	855	22,128

Table 7
(cont'd)

1988-89 DEGREES CONFERRED AT N.J. COLLEGES AND UNIVERSITIES
(continued)

	Certificate	Associate	Bachelor's	Master's	Doctorate	1st Prof'L	Total
Atlantic	—	262	—	—	—	—	262
Bergen	47	862	—	—	—	—	909
Brookdale	10	886	—	—	—	—	896
Burlington	5	352	—	—	—	—	357
Camden	11	559	—	—	—	—	570
Cumberland	3	227	—	—	—	—	230
Essex	22	328	—	—	—	—	350
Gloucester	15	401	—	—	—	—	416
Hudson	7	180	—	—	—	—	187
Mercer	118	675	—	—	—	—	793
Middlesex	37	862	—	—	—	—	899
Morris	26	987	—	—	—	—	1,013
Ocean	—	614	—	—	—	—	614
Passaic	6	104	—	—	—	—	110
Raritan Valley	5	443	—	—	—	—	448
Salem	14	96	—	—	—	—	110
Sussex	12	10	—	—	—	—	22
Union	189	583	—	—	—	—	772
Warren	—	19	—	—	—	—	19
TOTAL, COUNTY COMMUNITY COLLEGES	527	8,450	—	—	—	—	8,977

Table 7
(cont'd)

1988–89 DEGREES CONFERRED AT NEW JERSEY COLLEGES AND UNIVERSITIES
(continued)

	Certificate	Associate	Bachelor's	Master's	Doctorate	1st Prof'L	Total
Assumption	—	2	—	—	—	—	2
Berkeley Business	379	251	—	—	—	—	630
Beth Medrash Govoha	—	—	20	18	—	203	241
Bloomfield	—	—	177	—	—	—	177
Caldwell	—	—	95	—	—	—	95
Centenary	—	78	115	—	—	—	193
Drew	—	—	399	57	84	37	577
FDU – Edward Williams	—	224	—	—	—	—	224
FDU – Madison Campus	—	19	340	230	—	—	589
FDU – Rutherford Campus	—	—	187	256	—	—	443
FDU – Teaneck Campus	—	25	527	323	12	72	959
Felician	28	23	60	—	—	—	111
Georgian Court	—	—	265	68	—	—	333
Katharine Gibbs School	177	58	—	—	—	—	235
Monmouth	—	9	538	273	—	—	820
New Brunswick Seminary	—	—	—	9	—	16	25
Northeastern Bible	—	5	18	—	—	—	23
Princeton Theo. Seminary	—	—	—	72	15	121	208
Princeton	—	—	1,119	362	227	—	1,708
Rabbinical	—	—	45	—	—	—	45
Rider	—	8	715	199	—	—	922
St. Elizabeth's	34	—	152	—	—	—	186
St. Peter's	—	42	465	45	—	—	552
Seton Hall	—	—	946	405	22	361	1,734
Stevens Institute	—	—	265	468	26	—	759
Talmudical Academy	—	—	2	—	—	—	2
Upsala	—	29	187	10	—	—	226
Westminster Choir	—	—	38	32	—	—	70
TOTAL, INDEPENDENTS	618	773	6,675	2,827	386	810	12,089
ALL N.J. COLLEGES AND UNIVERSITIES	1,414	9,309	22,922	7,141	743	1,665	43,194

Table 8

TOTAL* DEGREES CONFERRED AT NEW JERSEY COLLEGES AND UNIVERSITIES
BY SEX AND BY ETHNICITY**

	F.Y. 1978		F.Y. 1986		F.Y. 1987		F.Y. 1988		F.Y. 1989	
	#	%	#	%	#	%	#	%	#	%
Men	23,599	50.2	19,909	46.3	19,711	46.3	19,215	46.0	19,516	45.2
Women	23,428	49.8	23,093	53.7	22,831	53.7	22,552	54.0	23,678	54.8
Blacks	3,400	7.2	2,966	6.9	2,650	6.2	2,665	6.4	2,631	6.1
Hispanics	1,149	2.4	1,639	3.8	1,694	4.0	1,622	3.9	1,732	4.0
Whites/Others***	42,478	90.4	38,397	89.3	38,198	89.8	35,656	85.3	37,103	85.9
"Unknown"	—	—	—	—	—	—	1,824	4.4	1,728	4.0
TOTAL	47,027	100.0	43,002	100.0	42,542	100.0	41,767	100.0	43,194	100.0

* Includes degrees to all types of students (full- and part-time, undergraduate and postbaccalaureate).

** Data by race/ethnicity from F.Y. 1988 (academic year 1987-88) on are not comparable with previous years', because of changed federal reporting requirements and the phased implementation of a unit record enrollment system in New Jersey.

*** The category "Others" includes Asians/Pacific Islanders, American Indians/Alaskan natives, and nonresident aliens.

FACULTY/AFFIRMATIVE ACTION

Contained in this section are tables of basic data on the faculty complement in New Jersey's higher education system (numbers, percents tenured, and distributions among the academic ranks), as well as affirmative action data for all employees at the public colleges and universities. These data reflect one of higher education's most important resources: the faculty and staff of the institutions.

- Approximately 10,000 full-time faculty teach in New Jersey higher education, about one-third at the public universities (including UMDNJ), a little less than one-quarter at the state colleges, one-fifth at the county community colleges, and one-quarter at independent colleges and universities. *(Table 9)*

- Two-thirds of these faculty are tenured, as has been the case throughout most of the 1980s. Excluding UMDNJ, where the low tenure proportion reflects significant new faculty appointments (concomitant with recent program expansions) combined with heavy retirement losses, the rates range from a low of 60% at NJIT to a high of 79% in the county community college sector. *(Table 9)*

- About 62% of full-time instructional faculty are either professors or associate professors, and 28%, assistant professors, proportions that have obtained since the mid-1980s. *(Table 10)*

- At public institutions, women are one-third of all full-time faculty (including those whose principal assignments are not instructional); their proportion has been rising slowly since the late 1970s. Black faculty now account for 5.9% of the total, and Hispanics, 2.5%, reflecting modest gains (from 5.6% and 1.8%, respectively) over the same period. *(Tables 12a/b)*

- The institutions have sought greater faculty diversity through affirmative action in hiring. In the mid-1980s, nearly half of the new hires were women; blacks were 9%, and Hispanics, 3%. More recently, the proportions for women and for blacks have fallen. *(Table 11)*

- Women constitute more than half of the total full-time employees at public colleges and universities in New Jersey, and blacks, one-fifth; Hispanics are 5% of the total. In general, the lower the employment category, the higher the percentages of women and minorities, with the exception that their concentrations among faculty are even less than among senior administrators. *(Table 12a)*

Table 9

TOTAL AND TENURED FACULTY* IN ALL NEW JERSEY COLLEGES AND UNIVERSITIES, BY COLLEGIATE SECTOR

	Fall 1977		Fall 1986		Fall 1987		Fall 1988		Fall 1989	
	# Fac	%Ten'd	# Fac	%Ten'd	# Fac	%Ten'd	# Fac	%Ten'd	# Fac	%Ten'd
Rutgers	2,011	51.9	1,948	66.6	1,948	65.7	1,961	64.5	1,954	66.5
N.J.I.T.	268	60.4	317	58.7	326	56.7	321	58.9	300	59.7
U.M.D.N.J.**	537	53.4	922	39.3	958	39.0	958	39.0	1,034	37.3
State Colleges	2,652	74.5	2,348	80.3	2,283	78.8	2,237	77.8	2,273	77.7
County Community Colleges	1,900	70.8	1,895	78.6	1,876	79.4	1,867	79.2	1,898	78.9
Independents	2,523	61.1	2,491	62.4	2,563	62.5	2,557	62.1	2,583	60.9
TOTAL	9,891	64.3	9,921	68.3	9,954	67.6	9,901	67.0	10,042	66.7

* Includes all full-time instructional faculty.

** Fall 1987 data shown for fall 1988.

Table 10

DISTRIBUTION BY RANK OF FACULTY*
IN NEW JERSEY COLLEGES AND UNIVERSITIES,
BY COLLEGIATE SECTOR

	Fall 1977				Fall 1985				Fall 1986			
	Prof.	Assoc.	Ass't.	Total** (100%)	Prof.	Assoc.	Ass't.	Total** (100%)	Prof.	Assoc.	Ass't.	Total** (100%)
Rutgers	27.6	25.8	32.7	2,011	33.4	33.2	23.2	1,981	33.6	33.7	22.9	1,948
N.J.I.T.	26.1	34.3	31.7	268	26.7	35.5	17.9	307	27.4	34.4	15.8	317
U.M.D.N.J.	30.0	26.8	34.3	537	32.4	27.3	27.0	851	22.3	33.8	4.7	922
State Colleges	20.9	26.4	39.6	2,652	30.8	32.6	33.8	2,354	31.6	31.3	34.6	2,348
County Community Colleges	7.8	24.6	40.9	1,900	18.0	34.3	32.1	1,902	19.1	34.6	31.0	1,895
Independents	33.1	27.5	29.6	2,523	38.0	26.5	28.1	2,590	39.1	26.3	25.8	2,491
TOTAL	23.5	26.4	35.4	9,891	30.8	31.1	28.8	9,985	30.5	31.5	29.2	9,921
	Fall 1987				Fall 1988				Fall 1989			
Rutgers	34.3	35.0	21.5	1,948	34.4	34.1	21.6	1,961	34.1	34.9	22.3	1,954
N.J.I.T.	29.4	31.9	18.1	326	30.8	31.2	24.3	321	32.0	33.7	22.3	300
U.M.D.N.J.***	27.9	28.6	33.8	958	27.9	28.6	33.8	958	25.3	28.9	35.3	1,034
State Colleges	31.4	31.0	34.9	2,283	31.7	31.6	34.4	2,237	32.5	31.4	34.6	2,273
County Community Colleges	20.1	33.9	29.9	1,876	21.6	33.6	29.8	1,867	22.3	33.5	27.7	1,898
Independents	39.4	25.8	25.1	2,563	39.2	25.5	25.9	2,557	38.8	25.0	25.9	2,583
TOTAL	31.5	30.8	28.1	9,954	31.9	30.6	28.4	9,901	31.7	30.7	28.3	10,042

* Includes all full-time instructional faculty.

** The total includes instructors, lecturers, and faculty of undesignated rank, as well as professors and associate/assistant professors.

*** Fall 1987 data shown for fall 1988.

Table 11

NEWLY HIRED FULL-TIME FACULTY IN
NEW JERSEY PUBLIC COLLEGES AND UNIVERSITIES,
BY COLLEGIATE SECTOR

	1982–83 New Hires				1983–84 New Hires				1984–85 New Hires			
	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.
Rutgers	117	33.3	3.4	2.6	137	31.4	5.1	6.6	161	42.2	5.6	3.1
N.J.I.T.	28	10.7	3.6	—	34	8.8	2.9	—	17	17.6	—	5.9
U.M.D.N.J.	52	40.4	9.6	5.8	60	36.7	3.3	3.3	43	39.5	7.0	—
State Colleges	142	34.5	10.6	3.5	119	39.5	11.8	3.4	152	44.1	14.5	5.3
County Community Colleges	119	52.9	7.6	.8	109	63.3	7.3	5.5	112	68.8	8.9	1.8
TOTAL	458	38.2	7.4	2.6	459	40.1	7.0	4.6	485	47.8	9.1	3.3
	1985–86 New Hires				1986–87 New Hires				1987–88 New Hires			
Rutgers	167	41.9	3.6	2.4	113	40.7	6.2	2.7	118	42.4	3.4	3.4
N.J.I.T.	22	4.5	13.6	4.5	44	13.6	—	2.3	42	16.7	—	2.4
U.M.D.N.J.	63	28.6	7.9	11.1	96	33.3	4.2	2.1	96	31.3	2.1	4.2
State Colleges	120	50.0	8.3	4.2	139	45.3	11.5	4.3	122	53.3	8.2	9.8
County Community Colleges	110	67.3	10.0	3.6	121	63.6	14.9	4.1	76	59.2	10.5	6.6
TOTAL	482	46.3	7.3	4.4	513	43.7	8.8	3.3	454	43.4	5.3	5.7

Table 12a
Table 12b

FULL-TIME EMPLOYEES AT NEW JERSEY PUBLIC COLLEGES AND UNIVERSITIES* BY EMPLOYMENT CATEGORY,** SEX, AND RACE/ETHNICITY

	1977-78*				1985-86				1987-88			
	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.
Exec./Admin./Managerial	1,357	20.8	12.8	2.1	1,747	35.6	19.4	2.8	2,078	39.7	19.9	3.3
Faculty	7,936	29.8	5.6	1.8	8,003	31.7	5.4	1.9	7,969	32.9	5.6	2.1
Nonfaculty Professional	3,197	54.4	18.6	2.5	4,469	57.3	20.7	4.1	5,324	59.0	18.6	4.7
Nonprofessional	11,873	62.2	26.9	4.0	12,039	63.2	28.7	6.2	12,340	64.0	30.7	7.3
TOTAL	24,363	48.3	18.1	3.0	26,258	50.8	19.6	4.3	27,711	52.3	20.3	5.0

* Data for 1977-78 are not strictly comparable to those for later years, because of changes in reporting by U.M.D.N.J. (which in 1985 began including staff not previously counted, in all employment categories except nonprofessional).

** The categories are defined according to employees' principal activities:

Executive, Administrative, and Managerial - have major responsibility for the institution or for a customarily recognized department or division.

Faculty - conduct instruction, research, or public service and hold academic rank titles. (See Table 12-b for data by collegiate sector.) Because this category includes noninstructional faculty, these data differ from those presented in Tables 9 and 10.

Professional Nonfaculty - engage in principal activities (other than those of faculty or administrators) which require specialized professional training.

Nonprofessional - provide clerical/secretarial, technical/para-professional, skilled crafts, and maintenance or other services.

FULL-TIME FACULTY* AT NEW JERSEY PUBLIC COLLEGES AND UNIVERSITIES BY COLLEGIATE SECTOR, SEX, AND RACE/ETHNICITY

	1985-86				1987-88				1989-90			
	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.	Total # (100%)	% of Total Women	Black	Hisp.
Universities**	3,659	25.7	4.5	1.9	3,731	27.4	4.8	2.2	3,825	27.7	4.9	2.0
State Colleges	2,380	33.0	5.8	2.0	2,334	34.4	6.2	2.4	2,343	35.1	6.5	3.7
County Community Colleges	1,964	41.2	6.5	1.8	1,904	41.8	6.5	1.8	1,955	43.2	7.1	2.3
TOTAL	8,003	31.7	5.4	1.9	7,969	32.9	5.6	2.1	8,123	33.6	5.9	2.5

* Because noninstructional faculty are included, these data differ from those presented in Tables 9 and 10.

** Rutgers University, New Jersey Institute of Technology, and the University of Medicine and Dentistry of New Jersey.

TUITION POLICY/STUDENT ASSISTANCE

The tables in this section contain data on public sector tuition rates as a percentage of educational costs and on student financial assistance programs available in New Jersey. Guidelines limiting tuition rates to the students' fair share of the institutions' costs of educating them, as well as a panoply of student aid programs, help keep a New Jersey college education affordable; and maintaining affordability is a key factor in keeping higher education accessible for all.

- Board of Higher Education (BHE) policy limits tuition for state resident undergraduates at public institutions to 30% of the institutions' educational costs. Because of this policy, these colleges cannot compensate for lost state revenue through excessive tuition increases; rather, they must operate more cost-effectively, while conducting BHE-mandated comprehensive analyses of their respective missions and priorities. *(Tables 13a/b)*

- In addition to the Board's tuition policy, a wide range of state student assistance programs helps keep a New Jersey college education affordable for New Jersey residents; in the 1989-90 academic year, there were more than 72,000 awards totaling more than $91 million in state grant aid. *(Table 14)*

- The various guaranteed student loan programs (primarily federal) provided another $188 million for New Jerseyans in 1989-90, including $64 million for those attending college in state. *(Table 15)* Loan volume is down about 15% since 1986-87, while state grant programs are up more than one-third over the same period.

- State support for students has been increasingly critical, as federal student assistance has fallen off. For example, federal grants and loans to New Jersey full-time undergraduates have fallen by nearly one-third since 1981-82. During the same period, state grants more than doubled, the State's contribution rising from 17% to 36% of all financial aid for these students.

Table 13a
Table 13b

TUITION* AS A % OF EDUCATIONAL COSTS IN NEW JERSEY
PUBLIC INSTITUTIONAL SECTORS

	1979–80	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91
Rutgers**	24.0%	28.2%	29.2%	28.0%	29.6%	29.0%	29.0%	29.8%
N.J.I.T.	20.7%	29.3%	29.9%	26.1%	27.5%	27.6%	26.3%	30.6%
U.M.D.N.J.***	20.3%	27.0%	25.0%	24.9%	21.4%	20.7%	20.5%	24.1%
State Colleges****	29.1%	30.4%	27.9%	26.2%	24.9%	23.6%	24.2%	27.5%
Community Colleges*****	30.7%	30.0%	27.2%	26.3%	26.0%	26.0%	24.2%	27.5%

* For state resident undergraduates. Board of Higher Education (BHE) tuition policy caps tuition for these students at 30% of "educational and general" operating costs. The policy ceiling for nonresidents and for graduate students is 45% of costs.

** Since 1983–84, Rutgers has had differential tuition rates for the undergraduate professional colleges (and for the graduate MBA programs), to reflect the higher costs associated with these programs; displayed here are the percentages for the undergraduate arts and sciences colleges.

*** Medical and dental students; tuition for nonstate residents is 31.2% above that for state residents.

**** The state college autonomy legislation empowered the colleges' boards of trustees to set tuition charges, which they first did for the 1987–88 academic year; previously, the BHE established uniform, sectorwide tuitions (shown through 1986–87). For 1987–88 on, averages are shown; see Table 13–b for data on each college's tuition in these years.

***** The maximum allowable tuition, as established by the BHE, for a full-time in-county student is used in these calculations; the actual tuition at individual colleges may be lower. For 1991, a one-time-only exception was granted allowing tuition above the ceiling if it does not exceed 30% of a college's educational costs.

TUITION AS A % OF EDUCATIONAL COSTS AT NEW JERSEY
STATE COLLEGES*

	Policy	1987–88	1988–89	1989–90
Glassboro	30%	24.0%	23.3%	25.1%
Jersey City	30%	22.1%	17.9%	18.6%
Kean	30%	29.2%	27.5%	28.0%
Montclair	30%	27.7%	26.0%	25.7%
Ramapo	30%	21.5%	19.9%	20.7%
Stockton	30%	27.0%	25.5%	25.6%
Trenton	30%	24.5%	24.2%	24.4%
Paterson	30%	23.1%	22.6%	22.9%

*Excludes Edison State College, which operates on a fee-for-service basis.

Table 14

NEW JERSEY STATE STUDENT GRANT PROGRAMS

	# of Student Awards				Amount of Awards ($000)			
	1986–87	1987–88	1988–89	1989–90	1986–87	1987–88	1988–89	1989–90
					(000)	(000)	(000)	(000)
Tuition Aid Grant (TAG)	41,878	41,950	41,150	43,100	$48,570	$52,360	$58,100	$65,730
Educational Opportunity Fund (EOF)	11,747	12,060	12,360	12,560	8,252	9,750	9,930	10,190
Part-time TAG/EOF	—	—	420	400	—	—	210	234
EOF Summer Program	3,431	4,730	5,150	5,139	3,889	4,810	5,320	6,032
Garden State Scholarship	6,752	6,270	6,210	5,950	3,333	3,295	3,514	3,561
Distinguished Scholars Program	1,480	2,328	3,090	3,440	1,451	2,285	3,080	3,536
Urban Scholars Program	—	—	450	928	—	—	450	1,136
Garden State Graduate Fellowship	82	79	88	80	449	465	510	505
EOF–Graduate Program	175	162	179	172	488	507	545	531
Pub. Tuition Benefits and POW/MIA	29	27	28	25	45	30	52	52
Veterans Tuition Credit	553	454	290	214	110	93	74	56
Vietnam Veterans Aid	162	140	105	76	91	95	95	75
TOTAL ALL PROGRAMS*	66,289	68,200	69,520	72,084	$66,678	$73,690	$81,880	$91,638

* Students may receive awards from more than one program; for example, most EOF students also receive TAG. Number of awards includes students enrolled for one or two semesters.

Program Changes in 1988–89 and 1989–90:

TAG maximum awards were raised to current-year average tuition in the public sectors, and to $3,300 (FY 1989) and $3,700 (FY 1990) in the independent sector. The minimum award also was increased (in 1989).

A pilot project was established to maintain TAG eligibility for EOF students advised to reduce their courseloads below the normal, 12 credits for full-time students.

An Urban Scholars Program, offering $1,000 scholarships, was initiated in 1989 for high school seniors who rank in the top of their classes in 70 school districts with the lowest socio-economic profiles in the state.

In 1990, incoming freshmen in all three scholarship programs were eligible for need-based supplements to the basic merit award.

Table 15

GUARANTEED STUDENT LOAN PROGRAMS

	# of Loans				Amount of Loans ($000)			
	1986–87	1987–88	1988–89	1989–90	1986–87	1987–88	1988–89	1989–90
					(000)	(000)	(000)	(000)
Stafford Student Loans (GSL)	83,354	57,000	54,300	58,120	$207,504	$157,550	$157,750	$158,850
PLUS Parent Loans	4,653	2,450	3,320	3,810	12,961	8,100	11,350	12,690
SLS Student Loans	—	2,730	6,470	5,684	—	8,750	19,800	16,250
Public Loans (state-funded)	79	15	10	10	240	50	30	20
Minority Academic Career Program	33	33	33	96	135	150	170	240
TOTAL LOAN VOLUME BY PROGRAM	88,119	62,228	64,133	67,720	$220,840	$174,600	$189,100	$188,050
N.J. Colleges and Universities	33,331	23,728	20,583	23,240	$ 76,888	$ 59,400	$ 57,520	$ 63,700
N.J. Proprietary Schools	13,024	8,000	15,100	18,170	31,144	19,640	38,710	39,360
Out-of-State Institutions	41,764	30,500	28,450	26,310	112,808	95,560	92,870	84,980
TOTAL LOAN VOLUME BY SECTOR	88,119	62,228	64,133	67,720	$220,840	$174,600	$189,100	$188,050

Totals are net (minus cancellations) for loans guaranteed during the state fiscal year.

Program Changes in 1988–89 and 1989–90:

Congressional methodology need analysis was required of all Stafford loan applicants.

ADMISSIONS

This section reports on the institutions' success in implementing important state policies on quality and diversity. Established in the 1981 Statewide Plan for Higher Education, these goals were designed to ensure student bodies that are both increasingly academically talented and increasingly diverse; the successful, simultaneous pursuit of both goals is critical to maintaining a healthy, responsive system of higher education.

- The academic profiles of incoming freshmen at New Jersey's state colleges and public universities have improved markedly since fall 1981, the first year under the Board of Higher Education's "academic index" policy, which calls for each institution to maintain its freshman profile at or above its baseline. The institutions all have exceeded their baselines, and many have posted steady gains throughout the 1980s; the fall 1989 composite profiles represented all-time highs for four. *(Table 16)*

- To ensure the integrity of the index (comprised of SAT scores and high school class ranks), colleges must report SAT scores for at least 95% of their regularly admitted full-time first-time freshmen; with a few exceptions, the institutions have met this requirement. *(Table 17)* (Under new regulations implementing the 1986 state college autonomy law, admissions standards, now solely the purview of college trustee boards, need not include criteria such as SAT scores. To date, however, all colleges have chosen to continue ro include them.)

- The statewide plan, which established the academic index policy, also spoke to issues of access and equity in admissions at the public senior institutions. One policy called for them to admit up to 10% (or 15%, in some cases) of their freshman classes under special, nontraditional criteria, to help ensure diversity in the student body, as well as to provide opportunity for students who may be unable to demonstrate their capabilities through traditional means. Most institutions have met both the spirit and the letter of this special admissions policy; a few have overenrolled students in this category. *(Table 18)*

- The plan also required all public institutions to enroll at least 10% of their freshmen through the Educational Opportunity Fund (EOF) Program; most have been successful in meeting their targets. In fall 1989, only one state college fell short (after several years of reaching the 10% goal); of the five county community colleges below target, four had been successful in previous years. The 16 independent colleges and universities participating in EOF were encouraged to pursue the 10% goal; in fall 1989, all but four had achieved it. *(Tables 19/20/21)*

Table 16

ACADEMIC INDEX DATA FOR FRESHMEN* AT
NEW JERSEY PUBLIC SENIOR INSTITUTIONS

	BAI**	1981	1982	1983	1984	1985	1986	1987	1988	1989
N.J.I.T.	100.0	101.9	102.3	103.8	104.2	104.2	106.6	104.7	103.3	103.3
Rutgers	100.0	100.0	102.8	103.7	103.2	102.8	103.7	105.1	105.5	104.1
Glassboro	100.0	101.6	103.7	104.7	105.2	105.8	106.3	106.3	108.4	108.4
Jersey City	100.0	102.9	104.6	104.0	101.2	105.8	108.1	106.9	108.1	108.7
Kean	100.0	100.5	103.7	103.7	103.7	103.2	103.2	103.7	103.7	103.7
Montclair	100.0	100.0	101.0	102.0	102.0	101.0	102.9	102.9	103.4	103.4
Ramapo	100.0	102.6	101.0	104.2	103.1	100.5	101.6	101.0	101.6	103.1
Stockton	100.0	103.7	103.7	104.7	104.2	105.2	104.2	106.8	107.9	109.9
Trenton	100.0	102.0	102.4	104.9	102.4	104.9	107.3	111.2	114.1	115.6
Wm. Paterson	100.0	101.6	103.8	104.3	104.8	104.8	105.9	105.9	105.9	107.5

The 1981 Statewide Plan for Higher Education recommended the calculation of a composite freshman class profile (academic index-AI) based on an institution's mean SATs and high school class ranks and called for the profile to be maintained at or improved from a baseline level.

* Regularly admitted, full-time first-time freshmen enrolled each fall.

** Average of AIs for fall 1978, 1979, and 1980. Each institution's actual BAI was set equal to 100 for comparison with its AI in subsequent years.

Table 17

NONREPORTING OF SAT SCORES FOR REGULAR ADMITS* AT NEW JERSEY PUBLIC SENIOR INSTITUTIONS

	1981	1982	1983	1984	1985	1986	1987	1988	1989
N.J.I.T.	—	—	.5%	—	—	.3%	1.0%	6.6%	.6%
Rutgers	2.0%	3.6%	1.6%	2.3%	3.7%	2.0%	2.0%		
Glassboro	9.2%	1.5%	.7%	.4%	.3%	4.7%	2.1%	2.3%	1.5%
Jersey City	26.8%	28.4%	4.2%	3.8%	.2%	8.9%	14.0%	7.0%	10.3%
Kean	4.9%	5.9%	.6%	2.7%	6.8%	7.2%		4.2%	13.3%
Montclair	7.9%	4.5%	4.5%	2.8%	.5%	1.6%	5.1%	3.5%	1.9%
Ramapo	31.8%	—	5.2%	4.9%	2.9%	8.7%	8.8%	3.3%	9.9%
Stockton	4.8%	.6%	1.0%	1.0%	1.0%	.5%	.7%	.3%	2.4%
Trenton	.1%	.4%	—	.8%	.1%	.3%	2.7%	.3%	0.4%
Wm. Paterson	.7%	—	—	.4%	.6%	1.7%	2.2%	.5%	1.2%

To preserve the integrity and reliability of the academic index, the Department of Higher Education has limited to 5% of regular admit freshmen the "SAT scores unknown" in the colleges' reports of such data. This standard allows for instances of scores from tests other than the SAT, such as the American College Testing (ACT) program or specialized aptitude tests (such as the Prueba de Aptitude Academica, for Spanish-speaking students); it also accommodates the missing data that can occur in any large recordkeeping and/or data processing operation.

* Regularly admitted, full-time first-time freshmen enrolled each fall.

Table 18

SPECIAL ADMITS AS A PERCENT OF TOTAL FRESHMEN* AT
NEW JERSEY PUBLIC SENIOR INSTITUTIONS

	1981	1982	1983	1984	1985	1986	1987	1988	1989
N.J.I.T.	5.8%	5.1%	7.5%	7.2%	9.7%	7.4%	7.6%	9.4%	12.5%
Rutgers University	3.4%	4.3%	5.1%	4.9%	4.6%	6.8%	6.5%	4.0%	5.7%
Glassboro**	3.0%	7.5%	8.4%	13.4%	10.9%	12.4%	12.0%	14.4%	14/3%
Jersey City**	17.1%	17.2%	24.2%	16.9%	14.6%	21.2%	15.3%	12.9%	19.8%
Kean**	15.6%	10.3%	9.5%	9.7%	10.6%	16.1%	14.6%	15.8%	16.4%
Montclair**	7.1%	5.6%	9.1%	8.9%	10.2%	14.1%	9.2%	9.5%	12.1%
Ramapo	12.0%	24.7%	10.6%	12.8%	9.0%	12.5%	14.5%	10.4%	12.7%
Stockton	8.7%	10.0%	9.9%	10.8%	10.5%	11.8%	11.1%	10.9%	11.0%
Trenton	7.3%	4.4%	9.8%	9.3%	12.1%	14.6%	9.8%	10.1%	9.5%
Wm. Paterson	22.9%	11.0%	9.9%	9.5%	10.2%	15.3%	14.3%	8.0%	9.4%

The 1981 Statewide Plan for Higher Education recommended that institutions define special criteria for admitting students whose ability to succeed in college may not be accurately measured by traditional criteria; a 10% limit on such admissions applies, except as noted.

* Full-time first-time freshmen enrolled each fall.

** For these institutions, the special admissions limit is 15%.

Table 19

E.O.F. PERCENT OF NEW JERSEY FULL-TIME FIRST-TIME FRESHMEN
IN NEW JERSEY PUBLIC SENIOR COLLEGES AND UNIVERSITIES

	E.O.F. % of Total					# of Fall '88	
	1985	1986	1987	1988	1989	E.O.F.	N.J. FTFTF
Camden C.A.S.*	11.8	11.3	15.9	12.7	17.0	55	324
Newark C.A.S.*	16.6	15.7	17.2	14.2	19.1	88	460
Nursing	17.5	37.0	24.5	31.1	30.8	16	52
Cook	6.6	7.1	6.3	9.2	10.0	45	445
Douglass	6.3	5.2	10.4	11.8	10.2	63	620
Engineering	9.4	9.1	10.6	10.2	8.3	45	544
Livingston	8.7	9.0	15.5	12.0	12.3	71	575
Rutgers*	7.7**	8.8**	12.6**	11.9	12.9	180**	1,393
TOTAL, RUTGERS	9.2	9.4	12.7	12.0	12.8	567	4,413
N.J.I.T.	14.8	18.5	19.1	14.2	11.4	64	560
U.M.D.N.J. (SHRP)***	—	—	66.7	41.2	25.8	8	31
Glassboro	12.4	10.4	8.3	11.3	11.1	95	854
Jersey City	24.2	22.1	26.8	25.5	22.2	121	546
Kean	12.8	14.4	11.6	11.9	12.9	145	1,121
Montclair	12.3	12.0	13.2	13.7	13.8	178	1,288
Ramapo	19.2	18.3	14.8	15.0	19.5	85	435
Stockton	12.1	10.4	10.4	10.2	13.0	89	686
Trenton	7.7	10.7	8.6	8.6	11.6	116	997
Wm. Paterson	10.1	10.4	10.3	9.3	8.1	76	939
TOTAL, STATE COLLEGES	12.6	12.5	11.9	12.7	13.2	905	6,866
ALL PUBLIC FOUR-YEAR	11.2	11.4	12.6	12.6	13.0	1,544	11,870

* University College data included.

** Includes E.O.F. students in the College of Pharmacy and Mason Gross School of the Arts, which do not have their own E.O.F. programs.

*** School of Health-Related Professions

Table 20

E.O.F. PERCENT OF NEW JERSEY FULL-TIME FIRST-TIME FRESHMEN
IN NEW JERSEY COMMUNITY COLLEGES

	E.O.F. % of Total					# of Fall '89	
	1985	1986	1987	1988	1989	E.O.F.	N.J. FTFTF
Atlantic	13.0	21.6	20.5	31.3	15.4	88	570
Bergen	7.9	10.0	8.7	10.3	12.3	127	1,035
Brookdale	6.5	10.0	9.7	7.9	7.4	93	1,252
Burlington	9.7	10.5	9.5	7.5	7.3	54	738
Camden	10.3	9.1	13.6	15.2	18.2	137	752
Cumberland	24.0	32.0	22.3	60.7	24.8	88	355
Essex	35.2	38.2	23.8	17.8	15.0	140	933
Gloucester	11.8	12.0	13.3	15.6	14.5	61	421
Hudson	11.2	10.7	11.4	13.9	9.3	67	720
Mercer	8.0	10.8	11.6	11.2	9.5	70	733
Middlesex	7.2	12.7	12.3	11.3	10.8	135	1,253
Morris*	1.5	2.3	1.2	1.6	2.0	27	1,322
Ocean	7.4	10.2	16.1	12.3	9.6	94	982
Passaic	34.5	35.1	46.1	40.7	40.9	81	198
Raritan Valley*	5.0	6.0	7.6	7.1	5.2	28	541
Salem	26.6	38.2	35.9	27.9	25.0	33	132
Union	7.0	11.0	11.6	32.7	15.0	96	639
TOTAL, COUNTY COMMUNITY COLLEGES	10.4	12.1	12.3	12.8	11.3	1,419	12,576

* County College of Morris' E.O.F. freshman goal is 4%; Raritan Valley Community College's is 7%. The goal for all other New Jersey colleges and universities is 10%.

Table 21

EOF PERCENT OF NEW JERSEY FULL-TIME FIRST-TIME FRESHMEN
IN NEW JERSEY INDEPENDENT COLLEGES AND UNIVERSITIES

	E.O.F. % of Total					# of Fall '89	
	1985	1986	1987	1988	1989	E.O.F.	N.J. FTFT
Bloomfield	19.9	17.3	19.0	16.4	11.9	27	227
Caldwell	22.6	16.7	13.7	9.0	14.9	18	121
Centenary	16.6	16.3	25.6	20.0	16.3	14	86
Drew	8.5	9.3	10.1	13.7	11.0	18	164
Fairleigh Dickinson	8.4	7.6	11.1	8.2	9.9	96	970
Felician	—	—	—	—	9.7	90	93
Georgian Court	16.2	14.8	17.0	11.3	12.6	18	143
Monmouth	5.7	8.4	9.0	9.9	7.3	27	372
Princeton	2.3	1.2	3.1	3.7	0.0	0	152
Rider	5.1	5.3	9.0	6.2	7.5	44	584
Saint Elizabeth's	14.1	23.9	13.8	14.0	17.3	19	110
Saint Peter's	10.7	11.4	11.9	12.7	16.0	55	344
Seton Hall	7.5	11.6	7.5	10.9	13.2	117	884
Stevens Institute	3.7	6.9	5.3	5.7	5.3	16	301
Upsala	19.0	22.3	22.2	20.7	24.1	34	141
Westminster Choir	27.3	42.9	6.7	14.3	11.1	1	9
TOTAL, INDEPENDENTS	9.2	10.1	10.8	10.1	11.3	513	4,549

ASSESSMENT

- *Summarized in this section are results of the standardized testing components of two statewide assessment initiatives: the Basic Skills Assessment Program (BSAP) and the College Outcomes Evaluation Program (COEP). BSAP's placement test measures entering students' basic skills proficiencies; COEP's test measures sophomores' critical thinking skills. The former helps colleges identify students who may need remedial instruction before they are ready to do college-level coursework. The latter helps public colleges and universities evaluate their success in developing the higher-order skills that students are expected to acquire during the first two years of collegiate study.*

- Systemwide about one-third of entering students lack proficiency in basic verbal skills; nearly one-half, in computational skills; and nearly 60%, in elementary algebra. Similar percentages have obtained since the New Jersey College Basic Skills Placement Testing Program began in 1978. *(Table 22)*

- Between 71% and 85% of public sector sophomores included in the second pilot administration of the General Intellectual Skills Test were at least somewhat proficient, depending on the skill area. For example, well over one-half were fully proficient at "gathering information," and another one-quarter, somewhat proficient (for a total of 85%). In the area of "quantitative analysis," the comparable proportions were about one-third and nearly four in ten (for a total of 71%). *(Table 23)*

Table 22

BASIC SKILLS* PROFICIENCIES OF STUDENTS ENTERING
NEW JERSEY COLLEGES AND UNIVERSITIES: FALL 1989**

	# Tested	Appear Proficient			Profic. Some Areas			Lacking Proficiency		
		Verb	Comp	EAlg	Verb	Comp	EAlg	Verb	Comp	EAlg
Rutgers	5,849	60%	76%	52%	33%	16%	37%	7%	8%	11%
N.J.I.T.	656	32%	73%	48%	43%	19%	45%	25%	8%	7%
State Colleges	8,926	32%	44%	18%	47%	29%	45%	22%	28%	37%
County Community Colleges	30,157	13%	17%	4%	40%	24%	19%	47%	59%	77%
ALL PARTICIPATING N.J. COLLEGES AND UNIVERSITIES***	48,791	24%	31%	14%	41%	24%	28%	35%	45%	58%

* Since fall 1978 New Jersey's public colleges and universities (and voluntarily participating independent institutions) have been administering to entering students the New Jersey College Basic Skills Placement Test (NJCBSPT), part of the Basic Skills Assessment Program (BSAP). The test measures students' basic verbal and computational skills, as well as their ability to do elementary algebra. Along with other indicators, it helps colleges identify educationally underprepared students and place them in appropriate remedial courses; generally speaking, those scoring below institutionally established levels of proficiency in the skills tested must successfully complete remediation before proceeding to the regular college curriculum.

This table shows percentages of students scoring at three proficiency levels (in the three skill areas) according to criteria established by the New Jersey Basic Skills Council, which oversees the BSAP. Because institutions may adopt higher standards, the percentages shown as "lacking proficiency" approximate but will not match exactly the percentages placed in remedial courses; actual placement percentages will differ also because 1) not all admitted/tested students actually enroll in the college that tests them and 2) the NJCBSPT is not the only placement indicator colleges use. (NOTE: The term "proficient" in the context of this test does not denote mastery of a skill but rather attainment of a prerequisite ability for college-level study.)

** Fall 1989 test results are similar to those for fall 1988; since the testing program began, the data have indicated little change in entering students' basic skills proficiencies.

*** Includes data for the 11 participating independent institutions.

Table 23

GENERAL INTELLECTUAL SKILLS (GIS)* PROFICIENCIES** OF SOPHOMORES AT NEW JERSEY PUBLIC COLLEGES AND UNIVERSITIES: SPRING 1990

	Proficient				Somewhat Proficient				Not Proficient			
	Gath	Anal	Quan	Pres	Gath	Anal	Quan	Pres	Gath	Anal	Quan	Pres
Rutgers/N.J.I.T.	67%	61%	54%	60%	25%	30%	30%	22%	8%	9%	16%	18%
State Colleges	62%	47%	36%	57%	23%	40%	38%	25%	15%	13%	26%	18%
County Community Colleges	50%	34%	24%	44%	30%	46%	45%	30%	20%	20%	31%	26%
TOTAL	58%	44%	33%	51%	27%	41%	38%	26%	15%	15%	19%	23%

* The General Intellectual Skills (GIS) assessment measures the higher-order thinking skills that students ordinarily develop within college-level courses. (These skills differ from the basic skills that students must have before beginning college-level coursework.) The GIS is criterion-referenced; that is, a student's performance is measured against established criteria, rather than against the performance of other students (a norm-referenced test). For the GIS assessment, panels of New Jersey college faculty determined the standards -- specifically, the proficiencies (in four skill areas) that they expected of sophomores (students completing two years of college work).

** A student's performance with respect to the criteria is rated as: proficient (the student has achieved the proficiency expected of a sophomore), somewhat proficient, or not proficient (clearly below the expectation). The table shows proportions of tested students performing at each level of proficiency in each skill area. (Percentages in each area sum to 100%.) The specific skill areas are: (1) gathering information (accumulating, examining, and sorting data); (2) analyzing information (reconfiguring, thinking about, and drawing conclusions from data); (3) quantitative reasoning (similar to analysis, but focused on numerical reasoning and involving calculations); and (4) presenting information (expressing ideas in written, oral, and graphic forms).

NOTE: The GIS Assessment was developed to evaluate student learning in one of four outcome areas identified by the College Outcomes Evaluation Program (COEP) Council; the other areas are general education; the major; and student involvement, satisfaction, and personal development. In addition to student learning outcomes, COEP has three other components: academic performance (retention, transfer, and graduation rates); community/society impact (access, economic impact, human resource development, and mission-related assessment); and research, scholarship, and creative expression (effects of faculty activities on their peers, students, and the public). ALL COMPONENTS EVALUATE THE OVERALL PERFORMANCE OF AN INSTITUTION, NOT INDIVIDUAL STUDENTS, PROGRAMS, OR FACULTY.

ORIGINAL* NET STATE APPROPRIATIONS
NEW JERSEY HIGHER EDUCATION

	F.Y. 1978		F.Y. 1989		F.Y. 1990		F.Y. 1991	
	($000)	% Dist.	($000)	% Dist.	($000)	% Dist.	($000)	% Dist.
Rutgers	94,806	28.2%	245,676[C]	27.5%	251,243[C]	27.7%	235,651	27.7%
N.J.I.T.	12,405	3.7%	39,940[C]	4.4%	41,274[C]	4.6%	38,308	4.5%
U.M.D.N.J.	45,615	13.6%	154,860[C]	17.3%	161,815[C]	17.8%	150,517	17.7%
State Colleges	84,232	25.1%	225,342[C]	25.2%	228,187[C]	25.1%	208,663	24.6%
County Community Colleges*	49,850	14.9%	97,466[C]	10.9%	90,965[C]	10.9%	80,879	9.5%
Independents**	10,183	3.0%	35,024[C]	3.9%	31,856[C]	3.5%	23,080	2.7%
Student Assistance	36,364	10.8%	92,718	10.4%	99,000	10.9%	108,704	12.8%
Health Professions	2,263	.7%	3,434	.4%	3,658	.4%	3,447	.4%
(SUBTOTAL) (~100%)	(335,718)	(88.6%)	(894,460)	(91.4%)	(907,988)	(93.3%)	(849,249)	(94.0%)
Debt Service	35,889	9.5%	41,787	4.3%	44,277	4.3%	41,188	4.5%
Capital Renewal and Replacement	5,075	1.3%	16,000	1.6%	—	—	—	—
Central Administration	1,635	.4%	4,564	.5%	4,340	.4%	4,104	.4%
Special Projects***	840	.2%	5,241	.5%	4,697	.5%	4,197	.5%
D.H.E. Grant Programs	—	—	12,542	1.3%	7,903	.8%	1,610	.2%
Urban Initiative	—	—	3,440	.3%	2,700	.3%	2,700	.3%
Minority Academic Career Program	—	—	812	.1%	910	.1%	910	.1%
GRAND TOTAL+	$379,157	100.0%	$978,846	100.0%	$972,825	100.0%	$903,958	100.0%

[C] Includes Governor's Challenge funding. (State college challenge funds are distributed to the colleges over a three-year period, based on each year's estimated cash-flow requirements.)

* Operating support only; includes funding for the Southern CIM Center ($300,000 in fiscal years 1987, 1990, and 1991 and $400,000 in 1988 and 1989) and for the Northern/Central CIM Center ($300,000 in FY 1988 and $400,000 in FY 1989). Community colleges receive additional state aid for debt service, which is included here in that total. Also, since FY 1982, the colleges have received aid for pension fund payments previously paid from a central state account; these figures are not included in the table.

** Includes aid to Fairleigh Dickinson University (FDU) School of Dentistry, which closed in June 1990; the FY 1991 funding of $2.5 million was shared with UMDNJ, where former FDU students are completing their programs.

*** Includes funding for the two statewide assessment programs the Basic Skills Assessment Program and the College Outcomes Evaluation Program. Includes also special projects such as the Center for Information Age Technology (CIAT), the Governor's School, the Marine Sciences Consortium, and the Drug Information Clearinghouse, etc, as well as the scholarly chairs established by the Legislature.

\+ Includes supplemental appropriations. Not included are fringe benefits, which are paid from a central state account, and salary increases, which take effect after the passage of the original appropriation; reflects net support.

Appendix

NEW DEGREE PROGRAMS APPROVED BY THE NEW JERSEY BOARD OF HIGHER EDUCATION, BY COLLEGIATE SECTOR AND DEGREE LEVEL: 1988–89 AND 1989–90*

	Certificate	Associate	Bachelor's	Master's	Doctorate	1st Prof'L	Total
Rutgers	—	—	4**	3	5****	1	13
N.J.I.T.	—	—	2**	5	—	N.A.	7
U.M.D.N.J.	—	1*	—	2	2****	—	5
State Colleges	—	—	7	7***	N.A.	N.A.	14
County Community Colleges	—	10*	N.A.	N.A.	N.A.	N.A.	10
Independents/Proprietaries	—	1	2	3	—	—	6
Out-of-State Institutions*****	—	—	1	—	—	—	1
TOTAL+	—	12	16	20	7	1	56

N.A. College(s) not authorized to grant degrees of this type.

+ Totals for the period; the Board meets monthly from September through the following July of each fiscal/academic year.

* Includes an A.S. degree in nursing offered jointly by UMDNJ and Middlesex County College.

** Includes bachelor's degrees in applied mathematics offered cooperatively by Rutgers–Newark (B.A.) and NJIT (B.S.).

*** Includes a combined B.A./M.A. in practical anthropology at Montclair State College.

**** Includes a doctoral program in public health offered jointly by UMDNJ (D.P.H.) and Rutgers (Ph.D.).

***** A B.S. degree in nuclear science offered by the University of Maryland–University College at the Oyster Creek Nuclear Generating Station (Forked River).

The table does not reflect 19 program discontinuances, 14 from independent sector closings (Don Bosco and Northeastern Bible Colleges and the School of Dental Medicine at Fairleigh Dickinson University); four of the other five were tied to new program approvals. The table also does not report authorizations for three out-of-state institutions to offer courses in New Jersey.

FACILITIES PROJECTS APPROVED BY THE NEW JERSEY BOARD OF HIGHER EDUCATION, BY COLLEGIATE SECTOR: 1988-89 AND 1989-90+

	# of Projects*	Total Costs**	Includes Bond Act Funds:*** JEC ($/#)	JST($/#)
Rutgers	9	$ 79,075	$36,558 (9)	—
N.J.I.T.	—	—	—	—
U.M.D.N.J.	3	44,508	—	—
State Colleges	11	46,648	—	2,000 (1)
County Community Colleges	10	59,352	3,500 (2)	5,995 (4)
Independents	5	20,142	6,250 (5)	—
Subtotal	38	$249,725	$46,308 (16)	$ 7,995 (5)
Environmental and Occupational Health Sciences Institute (Rutgers/UMDNJ)		16,551	5,000	
TOTAL+	39	$266,276	$51,308 (17)	$ 9,195 (6)

+ Totals for the period; the Board meets monthly from September through the following July of each fiscal/academic year.

* Includes both new construction and renewal/renovation. Only final project approvals are counted, not other, preliminary actions (such as approvals of concept or program documents).

** Figures represent the total costs of the projects, which are funded from a variety of sources.

*** JEC = Jobs, Education and Competitiveness Bond Act of 1988; JST = Jobs, Science and Technology Bond Act of 1984. Figures represent the total amounts of bond act funding and the number of projects receiving such support; these are subsets of the figures shown in the other columns.

Appendix

PUBLIC UNIVERSITIES

- Rutgers, The State University
  New Brunswick, 08903
  Newark, 07102
  Camden, 08102
  President: Dr. Francis L. Lawrence
  (908/932-1766)
  (201/648-5213)
  (609/757-6095)

- New Jersey Institute of Technology
  Newark, 07102
  President: Dr. Saul K. Fenster
  (201/596-3000)

- University of Medicine and Dentistry of New Jersey
  Newark, 07107-3007
  President: Dr. Stanley S. Bergen, Jr.
  (201/456-4300)

STATE COLLEGES

- Glassboro State College
  Glassboro, 08028
  President: Dr. Herman James
  (609/863-5202)

- Jersey City State College
  Jersey City, 07305-1597
  President: Dr. William J. Maxwell
  (201/547-6000)

- Kean College of New Jersey
  Union, 07083
  President: Dr. Elsa Gomez
  (908/527-2000)

- Montclair State College
  Upper Montclair, 07043
  President: Dr. Irvin Reid
  (201/893-4000)

- Ramapo College of New Jersey
  Mahwah, 07430
  President: Dr. Robert A. Scott
  (201/529-7500)

- Richard Stockton State College
  Pomona, 08240
  President: Dr. Vera King Farris
  (609/652-1776)

- Thomas A. Edison State College
  Trenton, 08608-1176
  President: Dr. George A. Pruitt
  (609/984-1100)

- Trenton State College
  Trenton, 08650-4700
  President: Dr. Harold W. Eickhoff
  (609/771-1855)

- William Paterson College of New Jersey
  Wayne, 07470
  President: Dr. Arnold Speert
  (201/595-2000)

COUNTY COMMUNITY COLLEGES

▪ Atlantic Community College Mays Landing, 08330-9888	President: Dr. William A. Orth (609/343-4900)
▪ Bergen Community College Paramus, 07652	President: Dr. Jose Lopez-Isa (201/447-7100)
▪ Brookdale Community College Lincroft, 07738	Acting President: Mr. Gershom Tomlinson (908/842-1900)
▪ Burlington County College Pemberton, 08068-1599	President: Dr. Robert Messina (609/894-9311)
▪ Camden County College Blackwood, 08012	President: Dr. Robert W. Ramsay (609/227-7200)
▪ Cumberland County College Vineland, 08360	President: Dr. Roland J. Chapdelaine (609/691-8600)
▪ Essex County College Newark, 07102	President: Dr. A. Zachary Yamba (201/877-3000)
▪ Gloucester County College Sewell, 08080	President: Dr. Richard H. Jones (609/468-5000)
▪ Hudson County Community College Jersey City, 07306	President: Dr. Narcisa A. Polonio (201/656-2020)
▪ Mercer County Community College Trenton, 08690	President: Mr. John P. Hanley (609/586-4800)
▪ Middlesex County College Edison, 08818-3050	President: Dr. Flora Mancuso Edwards (908/548-6000)
▪ County College of Morris Randolph, 07869	President: Dr. Edward J. Yaw (201/328-5050)
▪ Ocean County College Toms River, 08754	President: Dr. Milton Shaw (908/255-4000)
▪ Passaic County Community College Paterson, 07509	Acting President: Mr. Elliott Collins (201/684-6800)
▪ Raritan Valley Community College Somerville, 08876	President: Dr. S. Charles Irace (908/526-1200)

County Community Colleges (continued)

▪ Salem Community College Carneys Point, NJ 08069-2799	President: Dr. Phillip O. Barry (609/299-2100)
▪ Sussex Co. Comm. Coll. Commission Newton, 07860	President: Dr. William A. Connor (201/579-5400)
▪ Union County College Cranford, 07016	President: Dr. Thomas H. Brown (908/709-7000)
▪ Warren Co. Comm. Coll. Commission Washington, 07882	President: Dr. Vincent De Sanctis (908/689-1090)

INDEPENDENT COLLEGES & UNIVERSITIES

▪ Berkeley College of Business (prop.) West Paterson, 07424	President: Dr. Jack R. Jones (201/278-5400)
▪ Bloomfield College Bloomfield, 07003	President: Dr. John F. Noonan (201/748-9000)
▪ Caldwell College Caldwell, 07006	President: Sister Vivien Jennings (201/228-4424)
▪ Centenary College Hackettstown, 07840	President: Dr. Stephanie Mitchell Bennett (908/852-1400)
▪ College of Saint Elizabeth Convent Station, 07961	President: Sister Jacqueline Burns (201/292-6301)
▪ Drew University Madison, 07940	President: Honorable Thomas H. Kean (201/408-3000)
▪ Fairleigh Dickinson University Teaneck, 07666 Rutherford, 07070 Madison, 07940	Interim President: Dr. Francis J. Mertz (201/692-9170) (201/460-5000 (201/593-8500)
▪ Felician College Lodi, 07644	President: Sister Theresa Mary Martin (201/778-1190)
▪ Georgian Court College Lakewood, 08701	President: Sister Barbara Williams (908/364-2200)
▪ Katharine Gibbs Sch., Montclair (prop.) Montclair, 07042	Diector: Mrs. Beverly Ficon (201/744-2010)

Independent Colleges & Universities (continued)

▪ Monmouth College West Long Branch, 07764	President: Dr. Samuel Hays Magill (908/222-6600)
▪ Princeton University Princeton, 08544	President: Dr. Harold T. Shapiro (609/258-3000)
▪ Rider College Lawrenceville, 08648	President: Dr. J. Barton Ludeke (609/896-5000)
▪ Saint Peter's College Jersey City, 07306	President: Rev. Daniel H. Degnan, S.J. (201/333-4400)
▪ Seton Hall University South Orange, 07079	Chancellor: Rev. Thomas R. Peterson (201/761-9000)
▪ Stevens Institute of Technology Hoboken, 07030	President: Dr. Harold J. Raveche (201/420-5100)
▪ Upsala College East Orange, 07019	President: Dr. Robert D. Karsten (201/266-7000)
▪ Westminster Choir College Princeton, 08540	Acting Exec. Officer: Dr. Keith Spalding (609/921-7100)

RELIGIOUS/THEOLOGICAL COLLEGES

▪ Assumption College for Sisters Mendham, 07945	President: Sister Mary Gerard Gebler (201/543-6528)
▪ Beth Medrash Govoha Lakewood, 08701	Administrative Dean: Rabbi Y. J. Weisberg (908/363-1233)
▪ New Brunswick Theological Seminary New Brunswick, 08901	President: The Reverend Robert A. White (908/247-5241)
▪ Princeton Theological Seminary Princeton, 08542	President: Dr. Thomas W. Gillespie (609/921-8300)
▪ Rabbinical College of America Morristown, 07960	Dean: Rabbi Moshe Herson (201/267-9404)
▪ Talmudical Academy Adelphia, 07710	Dean: Rabbi Yeruchim Shain (908/431-1600)

Office of Research
New Jersey Department of Higher Education
CN 542
20 West State Street
Trenton, New Jersey 08625